

# Emergency Drinking Water Supplies

PROVIDED TO PUBLIC WATER SYSTEMS FROM CoWARN AND THE WATER QUALITY CONTROL DIVISION



## Purpose

The purpose of this document is to assist drinking water utilities plan for and secure an emergency drinking water supply. Emergency drinking water sources include: neighboring water utilities, bulk water, bottled water, and emergency water purification devices. Please call the 24-hour Incident Reporting Hotline at 1-877-518-5608 to report an emergency incident or acute situation.

## Neighboring Water Utilities

Some water utilities have established interconnections with adjacent utilities. These interconnections consist of permanent or temporary pipeline connections that allow utilities to share water resources in the event of an emergency. These interconnections typically require pre-planning and written agreements between the cities/utilities that will be sharing the connection.

## Bulk Water

Bulk water focuses on transporting treated water from existing treated water storage tanks, treatment plants, or nearby utilities. Options for bulk water transport include water bladders, tankers/milk trucks, and water buffaloes. For potable water, tanks should meet NSF/ANSI Standard 61. Milk or potable water tanker trucks are preferred, but trucks designed for transport of other food products are also acceptable provided that proper sanitation requirements are met. The following is a list of water haulers the Water Quality Control Division has on file:

Hauler Name	Phone Number	County
Mile High Water Company	303-466-6373	Adams
A 1 Discount Water Company	303-440-5728	Boulder
Colorado Mountain Ranch	303-442-4557	Boulder
McDonald Farms Enterprise	303-772-4577	Boulder
Mile Hi Water, Inc	303-249-9652	Boulder
Pope Water Services	303-772-9587	Boulder
Sangre De Cristo Water Services, Inc	719-379-3263	Costilla
North Fork Water Service	970-527-3060	Delta
Ally Onsite	303-951-3061	Denver
Giem Trucking	719-429-5164	Fremont
Sellen Water	719-276-6817	Fremont

Tallahassee Trucking, Inc	719-275-7015	Fremont
The Water Guy	719-784-1350	Fremont
Peak Potable Water	970-216-7576	Garfield
Rifle Creek Pure Water	970-625-5036	Garfield
Silver Bullet Pure Water	970-625-3698	Garfield
Stallion Oil Field Services	970-494-1610	Garfield
Thirsty Trucking Corp	970-945-8729	Garfield
United Site Services	970-625-5556	Garfield
Bulk Water Runner	303-946-9026	Jefferson
A Water Wagon	970-946-2170	La Plata
Aqua Drop Potable Water Delivery	970-247-4426	La Plata
Mountain Man Water Service	970-485-1099	La Plata
Well on Wheels	970-259-0052	La Plata
Stallion Oil Field Services Rockies	970-494-1610	Larimer
The Water Man	970-231-7248	Larimer
Artesian Water Services Fleck, Redd	970-241-3861	Mesa
Action Services, Inc	970-824-2564	Moffat
Herod Industries, Inc	970-824-8305	Moffat
Water Boy	303-838-3500	Park
Koury Transport	719-253-0156	Pueblo
Natural Source Water Hauler	719-568-8071	Pueblo
D and P Water, Inc	970-942-3000	Rio Blanco
Mountain West Oil Field Services Hauler	303-357-4917	Rio Blanco
Redi Services	970-878-4444	Rio Blanco
RNI Trucking	970-629-3546	Rio Blanco
Raindrop Water Hauler	970-879-0655	Routt
Gold Rush WC	719-576-8978	Teller
Sierra Water Services	719-687-8113	Teller
HB Rentals	970-243-6900	Weld
Reliable Field Services	970-381-1242	Weld
Reck Flyers	970-539-1612	Weld

The Water Quality Control Division has 7 500-gallon potable water pillow tanks distributed throughout the state at various utilities and organizations. The pillow tanks exist to help water systems with water storage needs in order to recover more quickly from emergencies. The following is a list of pillow tank locations:

Location	Contact	Phone Number
Colorado Rural Water (1 pillow tank)	Rich Hayes	719-545-6748
City of Fort Morgan (2 pillow tanks)	John Turner	970-483-7244
Eagle River Water and Sanitation District (1 pillow tank)	Karen Shanley	970-477-5424
Clifton Water District (3 pillow tanks)	Terry Sikes	970-434-5571

### **Bottled Water**

Bottled water can come from commercial providers, the National Guard (by order of the governor), or as a donation from a company. The following is a list of companies that may be able to provide bottled water during an emergency:

Company	Phone Number	City
Anheuser-Busch, Inc	970-490-4500	Fort Collins
Coors Brewing Company	303-279-6565	Golden
Coca Cola (Maria Cereghino, Public Affairs Mgr, 720-369-2826)	303-672-1318	Various
Culligan Mile-Hi Bottled Water	303-347-1100	Littleton
Deep Rock	303-292-2020	Denver
Hinckley & Schmitt Bottled Water Company	303-294-0311	Denver
Pepsi Cola Bottling Company	303-299-4555	Various
Nestle Waters via American Red Cross	303-722-7474	Denver
Walmart Foundation (contact store manager at closest store)	303-231-9865	Various

**Large retailers (i.e. Target, Kmart) and grocery stores (i.e. Safeway, King Soopers) may be able to provide bottled water**

### **Emergency Water Purification Devices**

Please contact the Engineering Section of the Water Quality Control Division when considering the use of an emergency water purification device (303-692-6298).

### **Planning for an Emergency Drinking Water Supply**

**Calculating water use per capita:** There are a range of values that are suggested for an emergency water supply (e.g., 0.5 gallons per person per day to 5 gallons per person per day) depending on whether water for non-drinking purposes (e.g., food preparation and hygiene) is included in the estimate. The value of 1 gallon per person per day is a plausible planning number, consistent with the Federal Emergency Management Agency (FEMA), EPA, and the Red Cross estimates for drinking, food preparation, and hygiene related to health and safety. Remember to consider that emergency water demands may include not only the residential population, but also the day-time population of workers and tourists. The impacts and needs of critical customers (i.e. hospitals, potential shelter locations) should be considered during the planning process.

**Identifying emergency distribution sites:** Proper planning of emergency water distribution sites is essential. Some features ideal for distribution sites include: open space, emergency shelters and schools, locations near fire hydrants, easy road access, and good lighting. Fire stations, police stations, and other government agencies undertaking emergency response activities are not recommended as distribution sites. Site criteria you may want to consider include:

- 200 x 200 foot minimum area
- Paved surface accessible by truck and tractor-trailer rigs
- Electricity and phone service available, if possible
- Ease of transportation to and from
- Central and accessible to the community
- Geographic distribution of sites proportionate to population density
- Close to elderly and critical care facilities
- Staffing and security